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there is any hocus-pocus about this. It makes the question clear and enables us to find out everything about the given equation. I feel sure that this view of the matter is in strict accordance with the principles of mathematics.

WANTED.—Dr. G. B. Halsted, Professor J. N. Lyle, Counsellor Dolman, and all other apostles and post-graduate disciples of Lobatschewsky, to inform the numerous readers of the MONTHLY wherein consists *the difference* between the Euclidian Geometry and the Non-Euclidian Geometry. What is *Ideal Space? Hyper-space? Pseudo-spherical*, as used by Professor Lyle in the November MONTHLY.—READER.

NOTE.—Dr. Artemas Martin pointed out to me in a letter (which I misplaced at the time and only recently recovered) that the expressions $m+\sqrt{(2mn)}, n+\sqrt{(2mn)}, m+n+\sqrt{(2mn)}$, given in my article in the January '94 number of the MONTHLY, for the sides of a right triangle, can be reduced to Maseres' expressions, $p^2-g^2$, $2pq$, $p^2+g^2$, respectively, by substituting $(p-q)^2$ for $m$ and $2q^2$ for $n$. I wish to thank Dr. Martin.

LEONARD E. DICKSON, M. A.

## EDITORIALS.

THIS number of the MONTHLY was mailed February 28th. It has been cut short, but our readers may look for a good, full number in March.

MARCH Number will be mailed between the 20th and 25th of the month. If you do not get your copy soon after the 25th write to the publishers at once.

IF any of our subscribers have not received any one of the 14 numbers of the MONTHLY already issued write the publishers, and if it is possible, the missing copy will be sent.

AT THE last meeting of the American Mathematical Society, Dr. Macfarlane read a paper on the *Principles of Differentiation in Space-analysis*, which contains among other results, the true generalization for space of Taylor's Theorem. Dr. Macfarlane says, there are many indications pointing to this as the coming subject.

OUR readers will be disappointed because of the absence of the portrait of Professor Chauvenet. No pains were spared on our part in trying to obtain a plate, but our efforts were futile. We may be able to secure a portrait before the end of the year and if we do, will send each of our subscribers a copy, so that it may be bound up with the year's volume.

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ERRATA IN PROFESSOR DICKSON'S ARTICLE: p. 9, l. 11 read $s=$ or $<(m-1)$ 12; l. 11 read $--A_{m-s}$; p.40, ls. 34 and 36 for $\pm A_{p-1}$ read $\mp$; l. 35, for $\pm A_{p-2}$ and $\pm A_p$ read $\mp$; l. 37, for $A_1+2=0$ read not$=0$.